LISTING OF THE CLAIMS:

This listing of the claims will replace all prior versions, and listings, of the claims in the application.

Claims 1-9 (Canceled)

1   10. (currently amended) Software embodied in one or more computer readable-
2   media when executed operable to:
3   display, within a Web page on a client computer coupled to a network environment, a
4   plurality of two-dimensional image maps secondary spatial images being representations
5   components of an original multi-dimensional image having more than two dimensions, with
6   locations in the two-dimensional image maps secondary spatial images specified by values of first
7   and second coordinates which specify locations in said representations components of the original
8   multi-dimensional image;
9   select a particular location on [[a]] one of said two-dimensional secondary spatial
10   image maps having particular values of the first and second coordinates, where selecting the
11   particular location on the two-dimensional spatial image image map determines a multi-dimensional
12   coordinate, including coordinate including at least three coordinate values, a third coordinate value
13   which , together with the first and second coordinates, indicates an indicated indicates a specific
14   location in the original multi-dimensional image;
15   initiate access to a correlated location in a secondary image map, where the secondary
16   map is a data structure which holds a plurality of multi-bit object indices at locations in the
17   secondary map, with the correlated location homologous to the indicated said specific location, to
18   retrieve a retrieved specific object index for the indicated said specific location after the said
19   particular location of the two-dimensional secondary spatial image map displayed on the client
20   computer is selected; and
21   cause a server computer coupled to the network environment to utilize the retrieved
22   said specific object index for the indicated said specific location to access a program action
23   associated with said specific the indicated location.
24

1   11. (canceled)
2

1   12. (currently amended) The software of claim 10 where the multi-dimensional

2   image is a three-dimensional volume image and the two-dimensional ~~secondary spatial~~ image <u>map</u> is

3   a planar slice of the three-dimensional volume image.

4

1   13. (currently amended) The software of claim 10 where the multi-dimensional

2   image is a video clip and the two-dimensional ~~secondary spatial~~ image <u>map</u> is a frame of the video

3   clip.

4

1   14-15. (Canceled)

2

1   16. (currently amended) Software embodied in one or more computer readable

2   media when executed operable to:

3   utilize, on a server computer coupled to <u>a</u> ~~the~~ network environment, a ~~retrieved~~

4   <u>specific</u> object index for ~~an indicated~~ <u>a specific</u> location to access a program action associated with

5   ~~the indicated~~ <u>said specific</u> location;

6   wherein said object index is obtained by the execution of code, on a client computer

7   coupled to the network environment, to display, within a Web page, a plurality of two-dimensional

8   ~~secondary spatial images~~ <u>image maps</u> being <u>representations</u> ~~components~~ of an original multi-

9   dimensional image having more than two dimensions, with locations in the two-dimensional

10   ~~secondary spatial images~~ <u>image maps</u> specified by values of first and second coordinates which

11   specify locations in said <u>representations</u> ~~components~~ of ~~an~~ <u>the</u> original multi-dimensional image;

12   wherein said display is to allow a user to select a particular location on [[a]] <u>one of</u>

13   <u>said</u> two-dimensional ~~secondary spatial~~ image <u>maps</u> having particular values of the first and second

14   coordinates, where selecting the particular location on the two-dimensional ~~spatial~~ image <u>map</u>

15   determines a multi-dimensional coordinate<u>,</u> including at least <u>three coordinate values which indicate</u>

16   said<u> specific</u> ~~a third coordinate value which, together with the first and second coordinates, indicates~~

17   ~~said indicated~~ location in the original multi-dimensional image; and

18   wherein said selecting further initiates access to a <u>correlated</u> location in a secondary

19   ~~image~~ map<u>, where the secondary map is a data structure which holds a plurality of multi-bit object</u>

20   <u>indices at locations in the secondary map, with the correlated location</u> homologous to <u>said specific</u>

21   ~~the indicated~~ location<u>,</u> to retrieve said <u>specific</u> ~~retrieved~~ object index for <u>said specific</u> ~~the indicated~~

22   location after <u>said particular</u> ~~the~~ location of the two-dimensional ~~secondary spatial~~ image <u>map</u>

23   displayed on the client computer is selected.

24

1   17. (previously presented) The software of claim 16 wherein said selecting occurs

2   on said client computer.

3

1   18. (currently amended) The software of Claim 16 wherein said secondary ~~image~~

2   map is located on said client computer.

3

1   19. (currently amended) A method of serving digital information, the method

2   comprising:

3   receiving a request for a distributed hypermedia document at a network <u>server;</u> ~~server;~~

4   transmitting the distributed hypermedia document from the network server to a

5   distributed hypermedia browser in response to receiving the request, the distributed hypermedia

6   document including an HTML tag to cause the display<u>, within a Web page on a client computer</u>

7   <u>coupled to a network environment,</u> of a plurality of two-dimensional ~~secondary spatial images~~ <u>image</u>

8   <u>maps</u> being <u>representations</u> ~~components~~ of an original multi-dimensional image having more than

9   two dimensions, with locations in the two-dimensional ~~secondary spatial images~~ <u>image maps</u>

10   specified by values of first and second coordinates which specify locations in said <u>representations</u>

11   ~~components~~ of an original multi-dimensional image, wherein said display is to allow a user to select

12   a particular location on [[a]] <u>one of said</u> two-dimensional ~~secondary spatial~~ image <u>maps</u> having

13   particular values of the first and second coordinates, where selecting the particular location on the

14   two-dimensional ~~spatial~~ image <u>map</u> determines a multi-dimensional coordinate<u>,</u> including at least

15   <u>three coordinate values which indicate a specific</u> ~~a third coordinate value which, together with first~~

16   ~~and second coordinates, indicates an indicated~~ location in the original multi-dimensional image,

17   wherein said selecting further initiates access to a <u>correlated</u> location in a secondary ~~image~~ map<u>,</u>

18   <u>where the secondary map is a data structure which holds a plurality of multi-bit object indices at</u>

19   <u>locations in the secondary map, with the correlated location</u> homologous to <u>said specific</u> ~~the~~

20   ~~indicated~~ location to retrieve a <u>specific</u> ~~retrieved~~ object index for <u>said specific</u> ~~the indicated~~ location

21   after ~~the~~ <u>said particular</u> location of ~~the~~ <u>said</u> two-dimensional ~~secondary spatial~~ image <u>map</u> displayed

22   on the client computer is selected, and wherein said selecting further causes a server computer

23   coupled to the network environment to utilize <u>said specific</u> ~~the retrieved~~ object index for <u>said</u>

24   <u>particular</u> ~~the indicated~~ location to access a program action associated with <u>said particular</u> ~~the~~

25   ~~indicated~~ location.

26

1   20. (previously presented) The method of claim 19 wherein said selecting occurs on

2 said client computer.

3

1   21. (currently amended) The method of Claim 19 wherein said secondary ~~image~~

2 map is located on said client computer<u>.</u>

3

1   22. (new) A method for accessing program actions associated with locations in

2 video frames viewed on a computer system, the method comprising the steps of:

3   displaying, within a Web page on a client computer coupled to a network

4 environment, a plurality of two-dimensional video frames, being representations of a multi-

5 dimensional video file, on a computer screen, with locations in the two-dimensional video frames

6 specified by values of first and second coordinates which are x and y coordinates specifying

7 locations in a single video frame of the video file;

8   selecting a particular location on one of said two-dimensional video frames having

9 particular values of the first and second coordinates, where selecting the particular location on the

10 two-dimensional video frame determines a multi-dimensional coordinate, including three coordinate

11 values, which indicates the location of a specific location in the multi-dimensional video file, where

12 first and second coordinates values are values of said x and y coordinates and a third coordinate

13 value specifies a time dimension of the video file;

14   initiating access to a correlated location in a secondary map, where the secondary

15 map is a data structure which holds a plurality of multi-bit object indices at locations in the

16 secondary map, with the correlated location homologous to said specific location, to retrieve a

17 specific object index for said specific location after said particular location of the two-dimensional

18 video frame displayed on the client computer is selected; and

19   causing a sever computer coupled to the network environment to utilize said specific

20 object index for said specific location to access a program action associated with said specific

21 location.

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